

Access DB# 67

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: FAVE FLEMING Examiner #: 75412 Date: 11/01/01
 Art Unit: 308 Phone Number 305-0209 Serial Number: 09/768, 655 REISSUE
 Mail Box and Bldg/Room Location: 5112 Results Format Preferred (circle): PAPER DISK E-MAIL
08/911, 527 PATENT

If more than one search is submitted, please prioritize searches in order of need.

 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: SKIN FOR AUTOMOTIVE AIR BAG COVER PANEL FORMED BY CASTING
DIVERSE PLASTIC MATERIALS
 Inventors (please provide full names): FRED RHEINLANDER, RICHARD RHODES

Earliest Priority Filing Date: 01/24/01 REISSUE

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

5863064

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Searcher: <u>1</u>	NA Sequence (#) _____	STN _____
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Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr. Link _____
Date Completed: <u>11/01/01</u>	Litigation <u>✓</u>	Lexis/Nexis <u>✓</u>
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: <u>16</u>	Patent Family _____	WWW/Internet _____
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<-----Area of Law-----<-----Medical>															
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ADMIN	8	CORP	9	ENVIRN	9	HR	10	LEXPAT	12	REALTY	13	TRADE	14	<-Helps->	
ADMRTY	8	COPYRT	8	ESTATE	9	IMMIG	11	M&A	12	STSEC	13	TRANS	14	EASY	6
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PTOMNI	1	FEDCTS, PTO, ITC, ALLREG			REEXAM & REISS
CASES	1	FEDCTS, PTO & ITC	ALLPAT	4	Comb. ALL & INTPAT
FEDCTS	2	Patent cases from Fed. Cts.	<-----U.S. PATENTS----->		
CCPA	2	Ct Customs & Patent Appeals	UTIL	4	Full Text Patents from 1971*
CAFC	2	Patent cases from Fed. Cir.	DESIGN	4	Full Text Patents from 1976
PTO	2	PATAPP & COMMR	PLANT	4	Full Text Patents from 1976
<-----SECONDARY SOURCES----->			USPGP	4	Pre-Grant Pubs. from 3/01
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PATNO=5863064
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LEVEL 1 - 1 OF 1 PATENT

<5,863,064>

<<=2>> GET 1st DRAWING SHEET OF 5

Jan. 26, 1999

Skin for automotive air bag cover panel formed by casting
different plastic materials

REISSUE: Reissue Application filed Jan. 24, 2001 (O.G. Jul. 17, 2001) Ex. Gp.:
3611; Re. S.N. 09/768,635

CORE TERMS: air bag, plastic, tear, panel, casting, main body, seam, shell,
automotive, interior...
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5863064 OR 5,863,064
Your search request has found no ITEMS.

5863064 OR 5,863,064
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5863064 OR 5,863,064
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File 345:Inpadoc/Fam.& Legal Stat 1968-2001/UD=200142
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Set	Items	Description
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S1	1	PN=US 5863064

1/39/1
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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14932628
Basic Patent (No,Kind,Date): US 5863064 A 19990126 <No. of Patents: 005>
Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
AU 9881552	A1	19990308	AU 9881552	A	19980619
BR 9811175	A	20000725	BR 98U11175	A	19980619
EP 1001894	A1	20000524	EP 98931414	A	19980619
US 5863064	A	19990126	US 911527	A	19970814 (BASIC)
WO 9908904	A1	19990225	WO 98US12842	A	19980619

Priority Data (No,Kind,Date):
US 911527 A 19970814
WO 98US12842 W 19980619

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9881552 A1 19990308
SKIN FOR AUTOMOTIVE AIR BAG COVER PANEL FORMED BY CASTING DIFFERENT
PLASTIC MATERIALS (English)
Patent Assignee: TEXTRON AUTOMOTIVE CO INC
Author (Inventor): RHEINLANDER FRED; RHODES RICHARD D JR
Priority (No,Kind,Date): US 911527 A 19970814; WO 98US12842 W
19980619
Applic (No,Kind,Date): AU 9881552 A 19980619
IPC: * B60R-021/20
Derwent WPI Acc No: * C 99-131058
Language of Document: English

BRAZIL (BR)

Patent (No,Kind,Date): BR 9811175 A 20000725
PELICULA PARA UM PAINEL INTERNO AUTOMOTIVO, E, PROCESSO PARA FORMAR A
MESMA (Portugese)
Patent Assignee: TEXTRON AUTOMOTIVE CO INC (US)
Author (Inventor): RHEINLANDER FRED; RHODES RICHARD D JR
Priority (No,Kind,Date): US 911527 A 19970814; WO 98US12842 W
19980619
Applic (No,Kind,Date): BR 98U11175 A 19980619
Derwent WPI Acc No: * C 99-131058
Language of Document: Portugese

CANADA (CA)

Legal Status (No,Type,Date,Code,Text):
CA 2298671 P 20000131 CA REFW CORRESPONDS TO PCT
APPLICATION (ENTSPRICHT PCT ANMELDUNG)
WO 9908904 P

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 1001894 A1 20000524
SKIN FOR AUTOMOTIVE AIR BAG COVER PANEL FORMED BY CASTING DIFFERENT

PLASTIC MATERIALS (English; French; German)
Patent Assignee: TEXTRON AUTOMOTIVE CO INC (US)
Author (Inventor): RHEINLANDER FRED (US); RHODES RICHARD D JR (US)
Priority (No,Kind,Date): WO 98US12842 W 19980619; US 911527 A 19970814
Applic (No,Kind,Date): EP 98931414 A 19980619
Designated States: (National) DE; ES; FR; GB; IT; NL
IPC: * B60R-021/20
Derwent WPI Acc No: * C 99-131058
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 1001894	P	19970814	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				US 911527 A 19970814
EP 1001894	P	19980619	EP AA	PCT-APPLICATION (PCT-ANMELDUNG)
				WO 98US12842 W 19980619
EP 1001894	P	19980619	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
				EP 98931414 A 19980619
EP 1001894	P	20000524	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
				DE ES FR GB IT NL
EP 1001894	P	20000524	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1001894	P	20000524	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000308

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5863064 A 19990126
SKIN FOR AUTOMOTIVE AIR BAG COVER PANEL FORMED BY CASTING DIFFERENT PLASTIC MATERIALS (English)
Patent Assignee: TEXTRON AUTOMOTIVE COMPANY INC (US)
Author (Inventor): RHEINLANDER FRED (US); RHODES JR RICHARD D (US)
Priority (No,Kind,Date): US 911527 A 19970814
Applic (No,Kind,Date): US 911527 A 19970814
National Class: * 280732000; 280728300
IPC: * B60R-021/20
Derwent WPI Acc No: ; C 99-131058
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5863064	P	19970814	US AE	APPLICATION DATA (PATENT) (APPL. DATA (PATENT))
				US 911527 A 19970814
US 5863064	P	19981106	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
				MCCORD WINN TEXTRON INC. 645 HARVEY ROAD MANCHESTER, NEW HAMPSHIRE 03103 ; RHEINLANDER, FRED : 19970718; RHODES, RICHARD D., JR. : 19970806
US 5863064	P	19990126	US A	PATENT
US 5863064	P	20010717	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED) 20010124

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9908904 A1 19990225

SKIN FOR AUTOMOTIVE AIR BAG COVER PANEL FORMED BY CASTING DIFFERENT PLASTIC MATERIALS (English)
Patent Assignee: TEXTRON AUTOMOTIVE CO INC (US)
Author (Inventor): RHEINLANDER FRED; RHODES RICHARD D JR
Priority (No,Kind,Date): US 911527 A 19970814
Applic (No,Kind,Date): WO 98US12842 A 19980619
Designated States: (National) AL; AU; BA; BB; BG; BR; CA; CN; CU; CZ; EE; GE; GH; GM; GW; HU; ID; IL; IS; JP; KE; KP; KR; LC; LK; LR; LS; LT; LV; MG; MK; MN; MX; NO; NZ; PL; RO; SD; SG; SI; SK; SL; TR; TT; UA; UG; UZ; VN; YU; ZW (Regional) GH; GM; KE; LS; MW; SD; SZ; UG; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; CH; CY; DE; DK; ES;

FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM;
GA; GN; ML; MR; NE; SN; TH; TG
Filing Details: WO 130000 With international search report, Before
expiration of time limit for amending the claims and to be
republished in the event of the receipt of the amendments
IPC: * B60R-021/20
Derwent WPI Acc No: * C 99-131058
Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No, Type, Date, Code, Text):

WO 9908904	P	19970814	WO AA	PRIORITY (PATENT)
		US 911527	A	19970814
WO 9908904	P	19980619	WO AE	APPLICATION DATA (APPL.
				DATA)
WO 9908904	P	19990225	WO AK	DESIGNATED STATES CITED IN A
				PUBLISHED APPLICATION WITH SEARCH REPORT
				(DESIGNATED STATES CITED IN A PUBLISHED APPL.
				WITH SEARCH REPORT)
				AL AU BA BB BG BR CA CN CU CZ EE GE GH GM GW
				HU ID IL IS JP KE KP KR LC LK LR LS LT LV MG
				MK MN MX NO NZ PL RO SD SG SI SK SL TR TT UA
				UG UZ VN YU ZW
WO 9908904	P	19990225	WO AL	DESIGNATED COUNTRIES FOR
				REGIONAL PATENTS CITED IN A PUBLISHED
				APPLICATION WITH SEARCH REPORT (DESIGNATED
				COUNTRIES FOR REGIONAL PATENTS CITED IN A
				PUBLISHED APPL. WITH SEARCH REPORT)
				GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD
				RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE
				IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML
				MR NE SN TD TG
WO 9908904	P	19990225	WO A1	PUBLICATION OF THE
				INTERNATIONAL APPLICATION WITH THE
				INTERNATIONAL SEARCH REPORT (PUB. OF THE
				INTERNATIONAL APPL. WITH THE INTERNATIONAL
				SEARCH REPORT)
WO 9908904	P	19990325	WO DFPE	REQUEST FOR PRELIMINARY
				EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH
				MONTH FROM PRIORITY DATE
WO 9908904	P	19990609	WO 121	EP: PCT APP. ART. 158 (1)
				(EP: PCT ANM. ART. 158 (1))
WO 9908904	P	20000131	WO ENP	ENTRY INTO THE NATIONAL
				PHASE IN:
			CA 2298671	AA
WO 9908904	P	20000214	WO NENP	NON-ENTRY INTO THE NATIONAL
				PHASE IN:
				KR

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?file pluspat;us5863064/pn

* SS 1: Results 1

Search statement 2

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(1/1 PLUSPAT - (C) QUESTEL-ORBIT- image

PN - US5863064 A 19990126 [US5863064]

TI - (A) Skin for automotive air bag cover panel formed by casting
different plastic materials

PA - (A) TEXTRON AUTMOTIVE COMPANY INC (US)

IN - (A) RHEINLANDER FRED (US); RHODES JR RICHARD D (US)

AP - US91152797 19970814 [1997US-0911527]

PR - US91152797 19970814 [1997US-0911527]

IC - (A) B60R-021/20

EC - B29C-037/00F2

- B29C-059/00G

- B60R-021/20B2

ICO - L29C-035/08B6
PCL - ORIGINAL (O) : 28073200 CROSS-REFERENCE (X) : 280728300
DT - Basic
CT - US3504063; US4246213; US4463046; US4886630; US4895389; US5072967;
US5145444; US5288103; US5316822; US5333901; US5372379; US5437470;
US5567375; US5590903; US5804121
STG - (A) United States patent
AB - A skin for an automotive interior panel has a main body portion for covering most of the panel and an air bag cover portion for covering the panel portion that the air bag deploys through. Casting a first plastic material against a first portion of a heated mold surface forms the main body skin portion. Casting or spraying a plastic material against a second portion of the heated mold surface forms the air bag cover skin portion. The mold surface portions may be confined from one another by a partition or by masking one portion while casting against the other. The main body and air bag cover skin portions include adjacent edges that extend along the air bag cover portion periphery. The two skin portions are joined together along their adjacent edges while still on the heated mold. An air bag deployment tear seam is formed by first casting a tear seam gap in the cover portion then spraying or casting a relatively weaker material into the gap. Alternatively, a heated engraving tool or laser may be used to form a tear seam groove in the back side of the air bag cover skin portion, or a cutter device may open the cover upon air bag deployment.

1/1 LGST - (C) LEGSTAT
PN - US 5863064 [US5863064]
AP - US 911527/97 19970814 [1997US-0911527]
DT - US-P
ACT - 19970814 US/AE-A
APPLICATION DATA (PATENT)
{US 911527/97 19970814 [1997US-0911527]}
- 19981106 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
MCCORD WINN TEXTRON INC. 645 HARVEY ROAD MANCHESTER, NEW HAMPSHIRE
03103 * RHEINLANDER, FRED : 19970718; RHODES, RICHARD D., JR. :
19970806
- 19990126 US/A
PATENT
- 20010717 US/RF
REISSUE APPLICATION FILED
20010124
UP - 2001-32

1/1 CRXX - (C) CLAIMS/RRX
PN - 5,863,064 A 19990126 [US5863064]
PA - Textron Automotive Co Inc
ACT - 20010124 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010717
REISSUE REQUEST NUMBER: 09/768635
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3611

Reissue Patent Number:

1/1 PAST - (C) PAST
AN - 200129-001167
PN - 5863064 A [US5863064]

OG - 2001-07-17
ACT - REISSUE APPLICATION FILED

Search statement 2

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